

FIG. 1

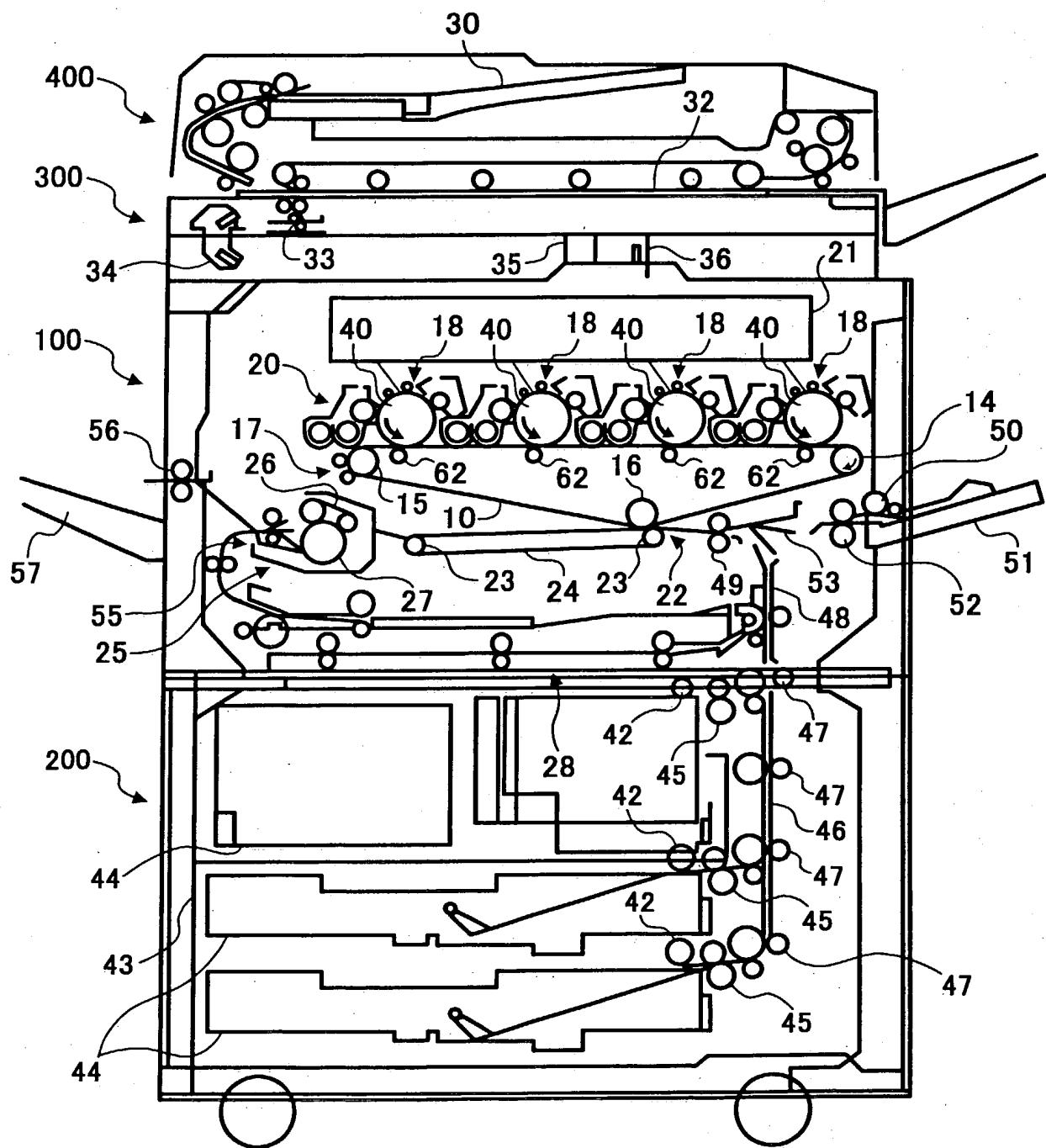


FIG. 2

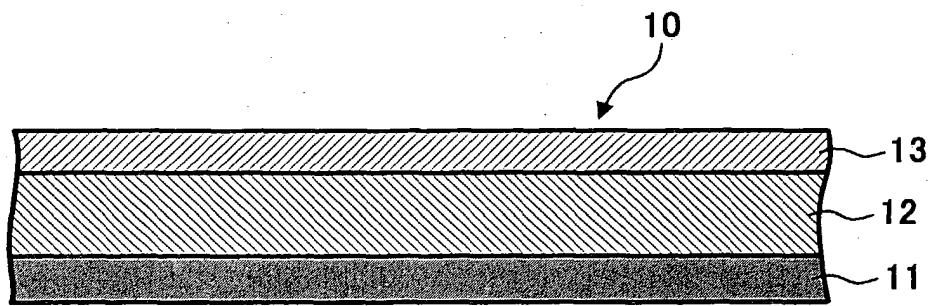


FIG. 3

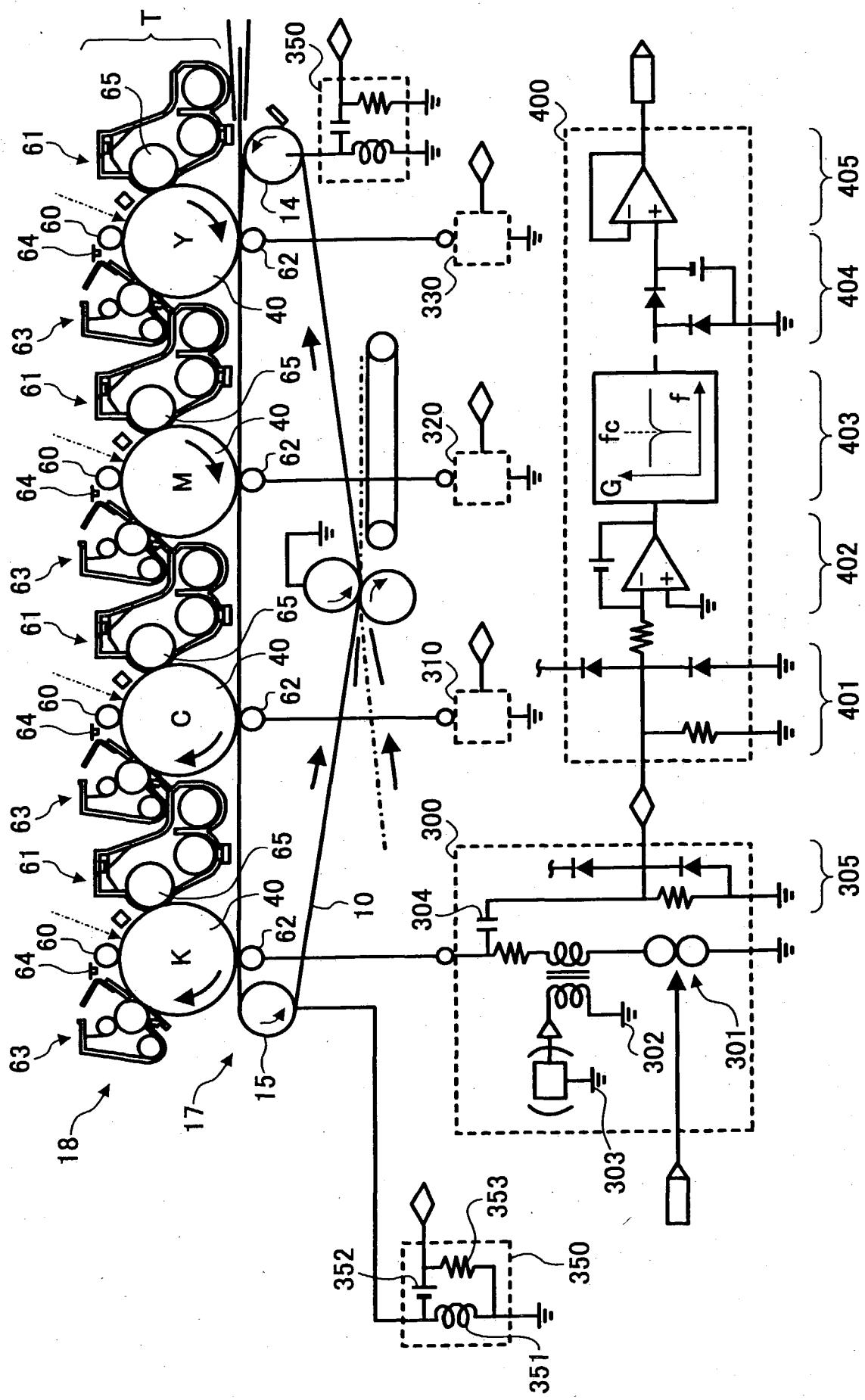


FIG. 4

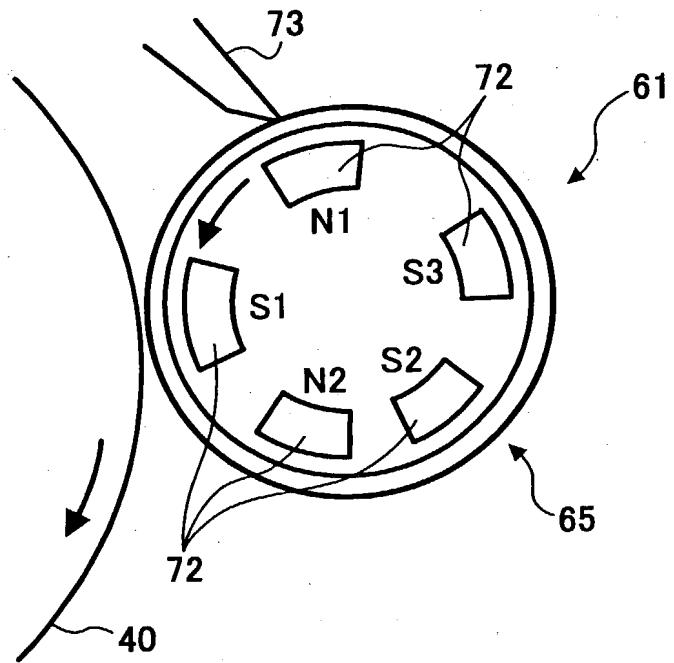


FIG. 5

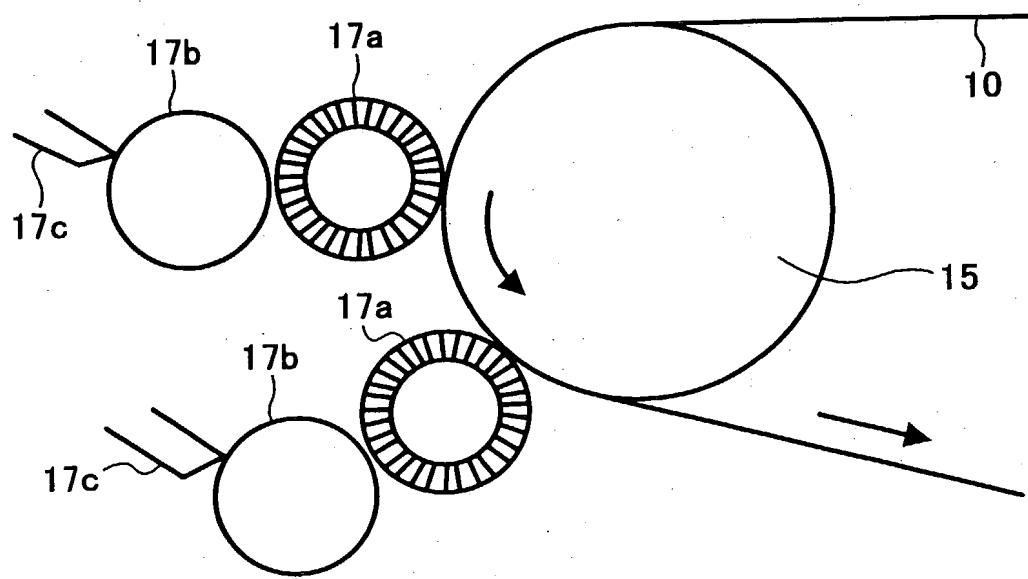


FIG. 6

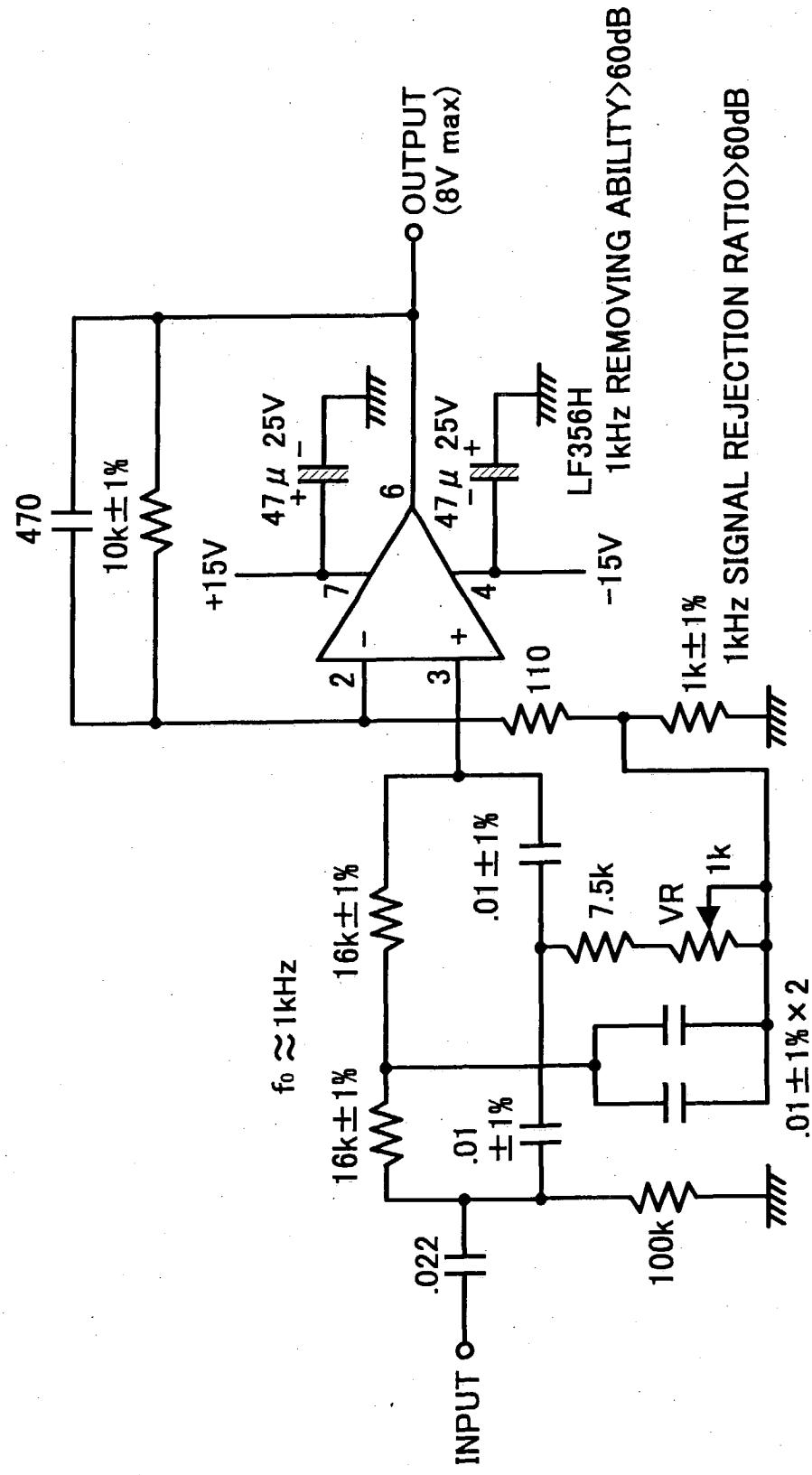


FIG. 7

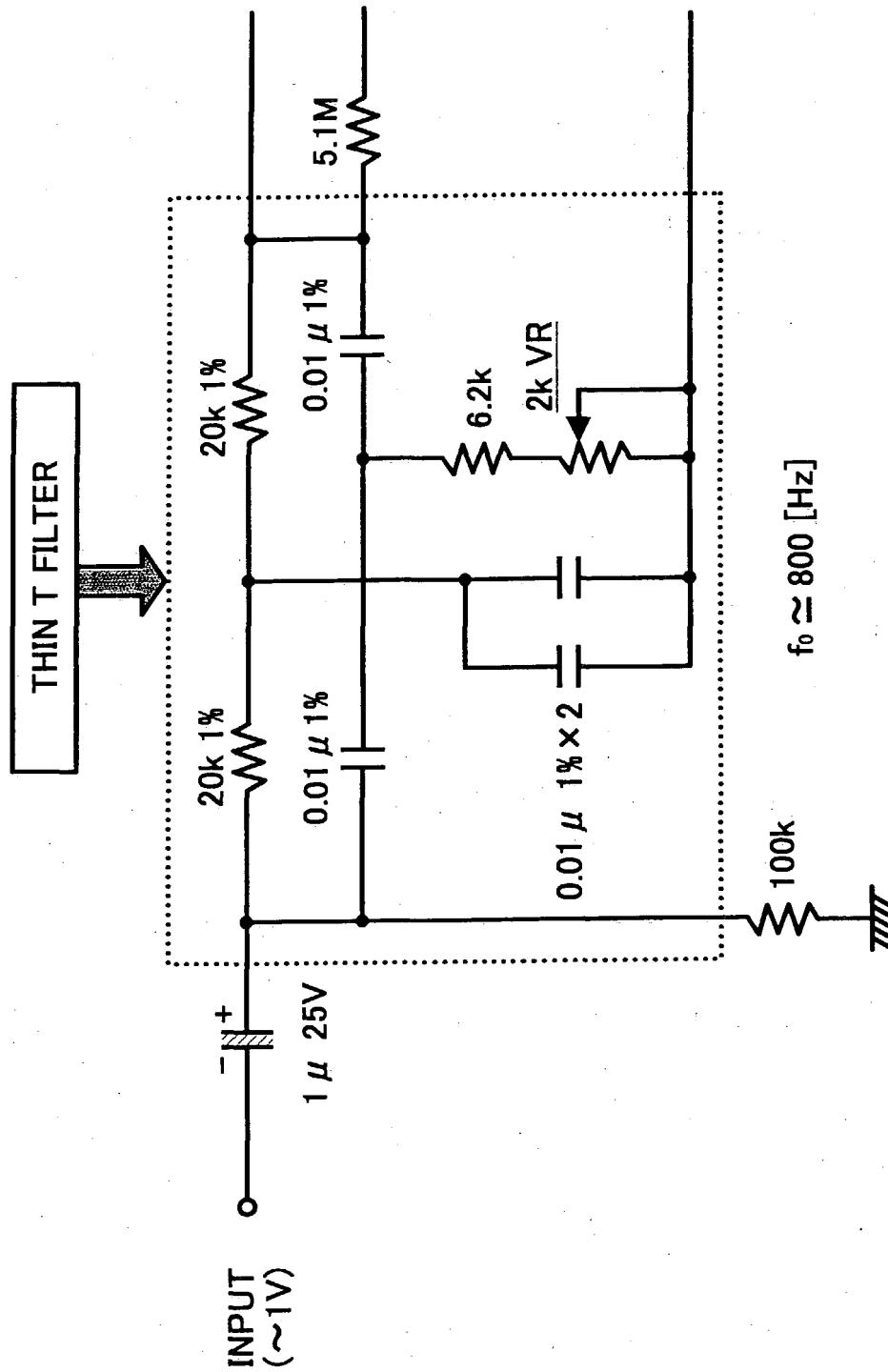


FIG. 8

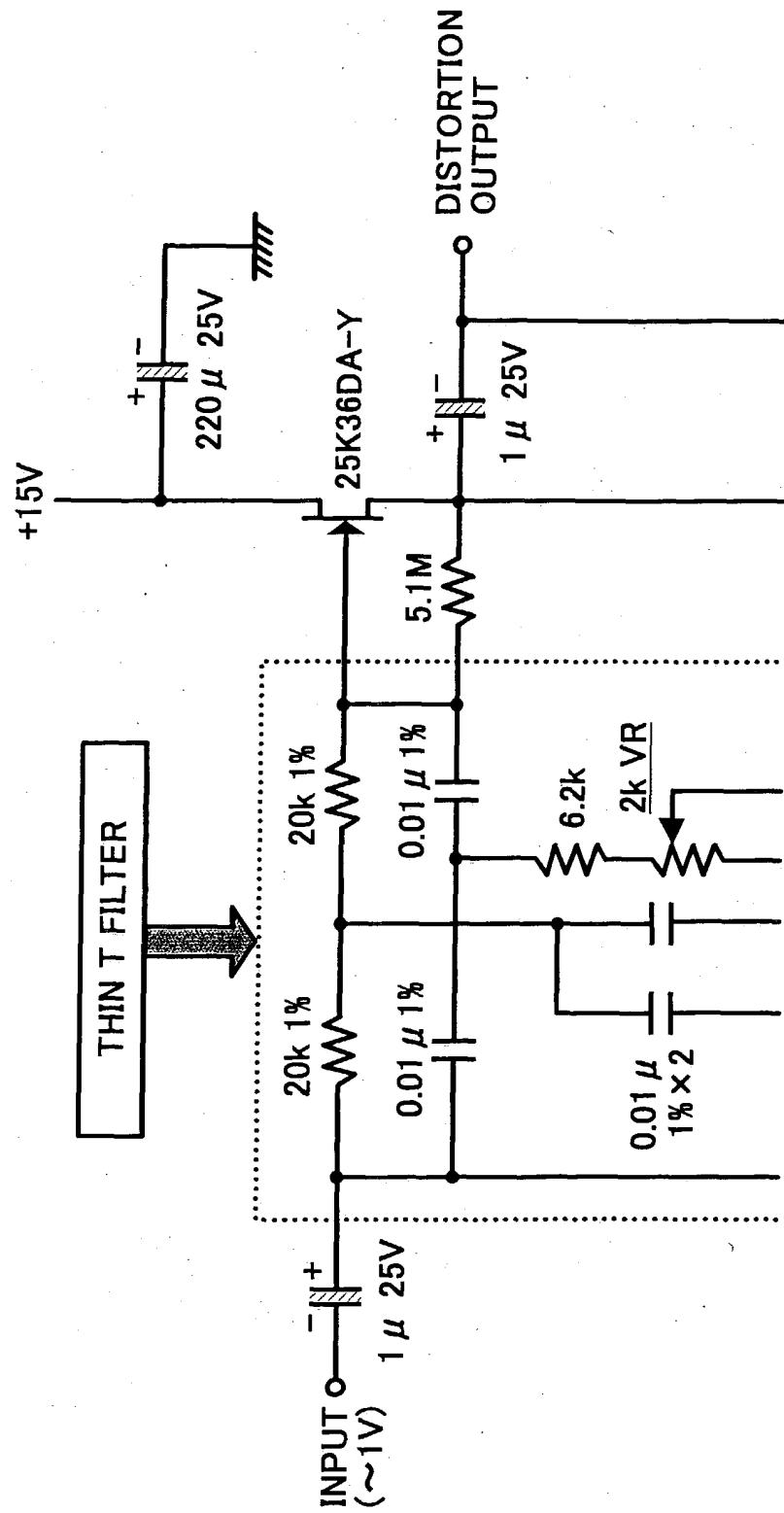


FIG. 9

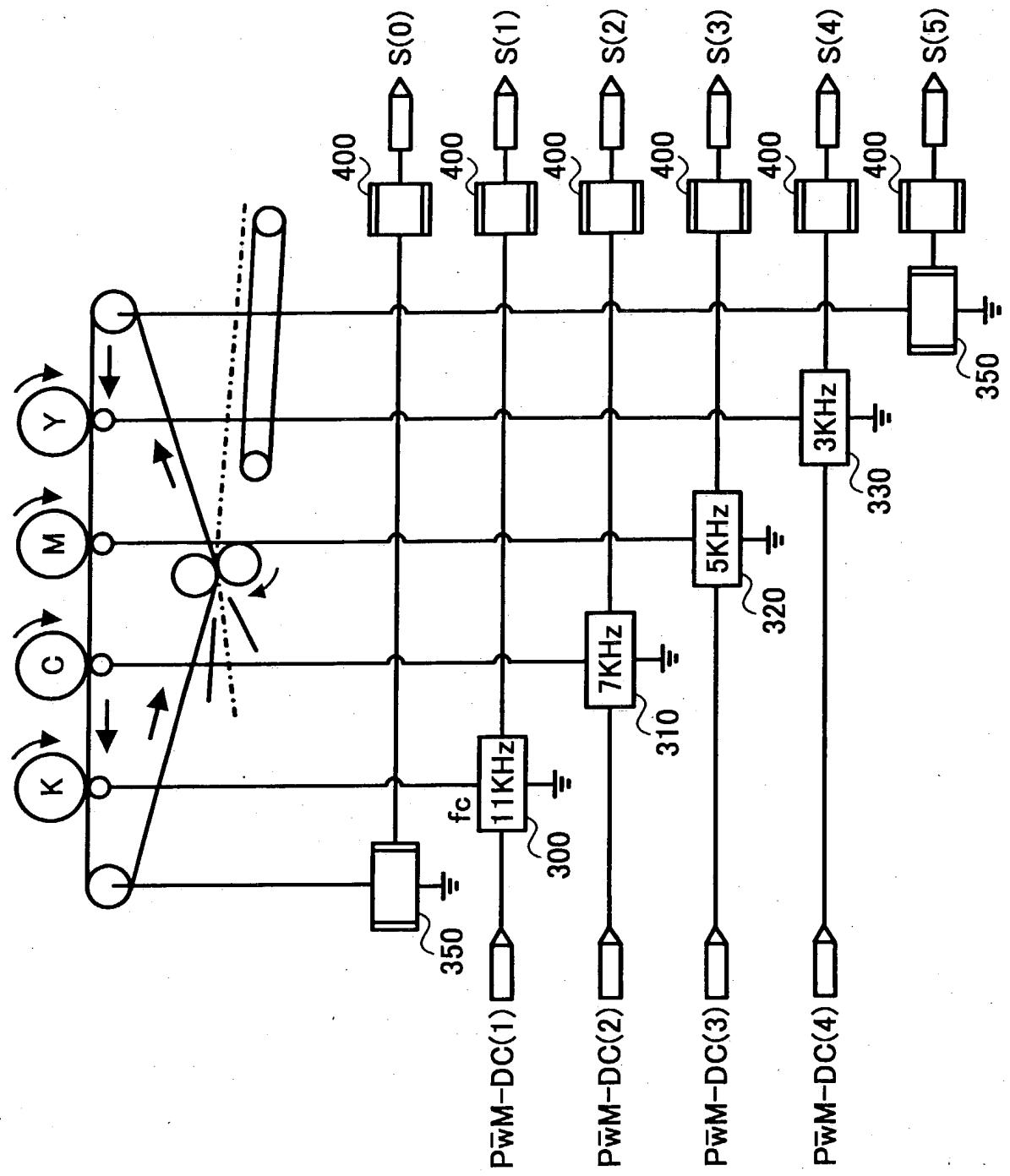


FIG. 10

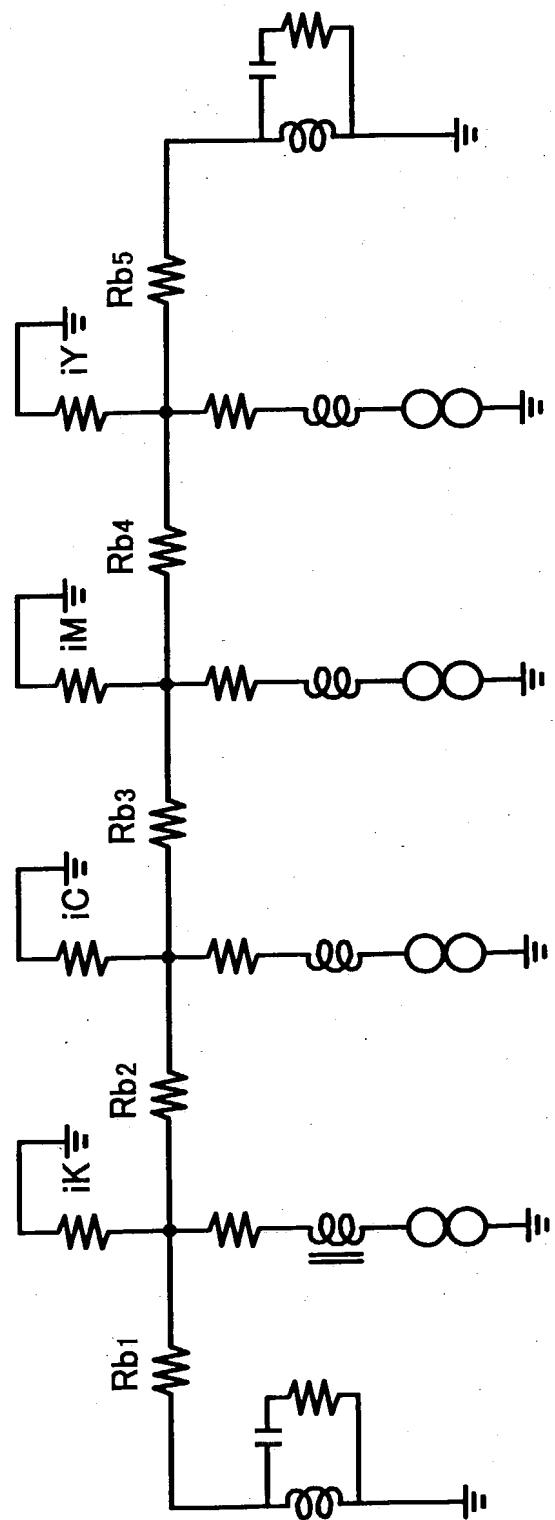


FIG. 11

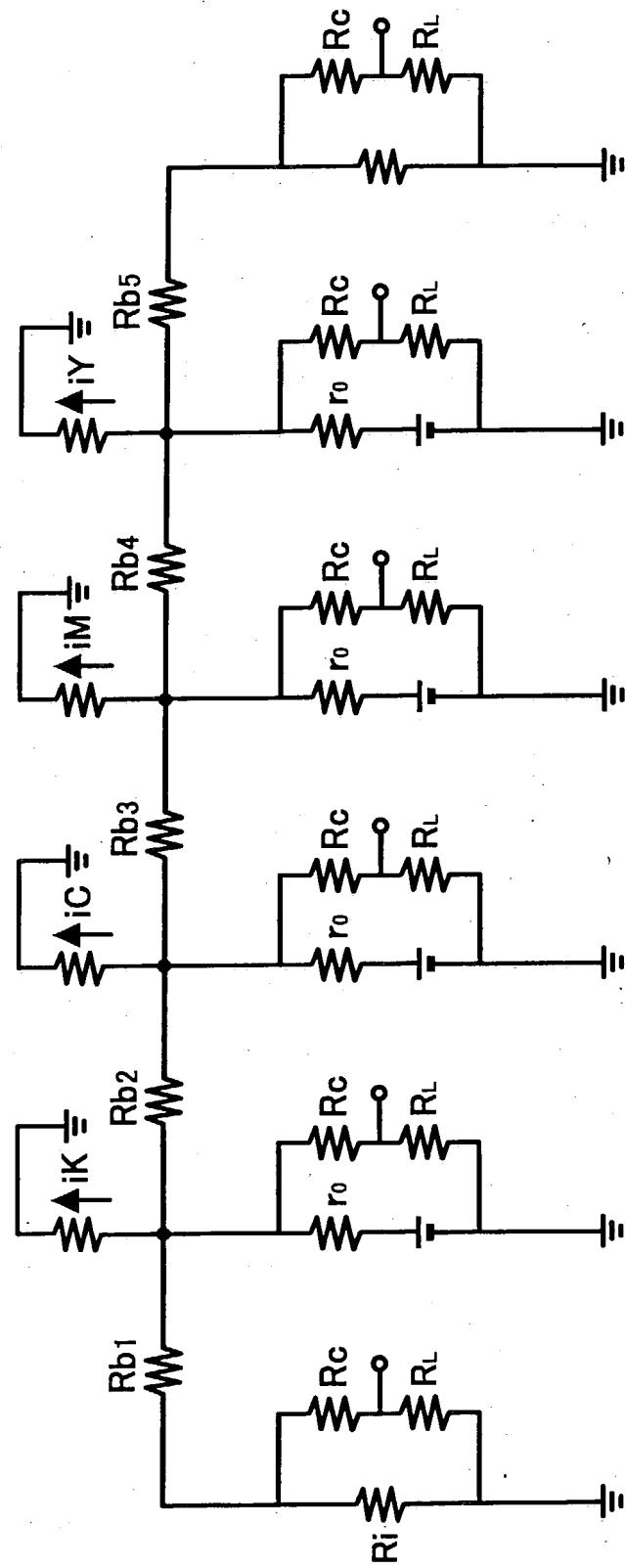


FIG. 12

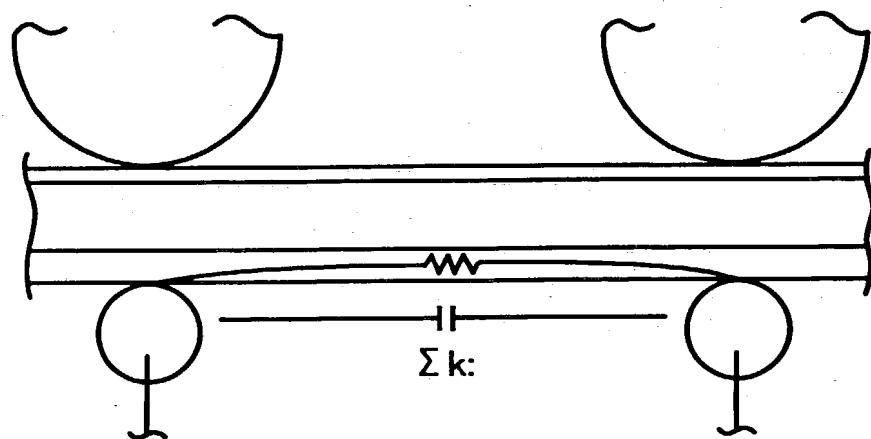


FIG. 13

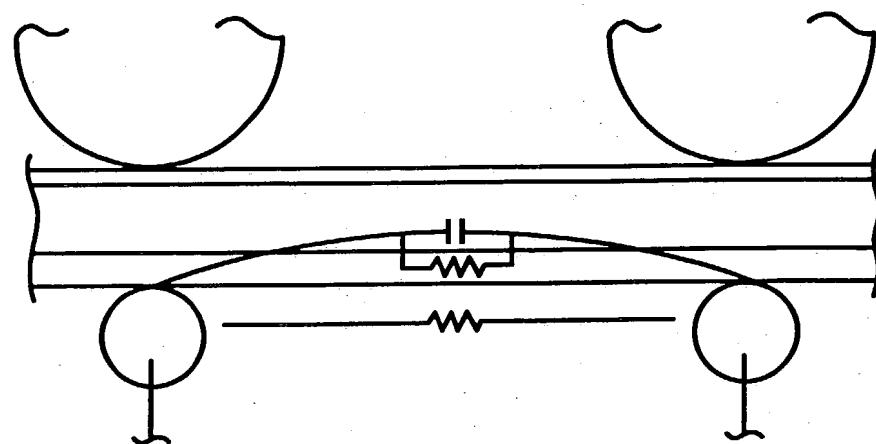


FIG. 14

AC LEAK CURRENT	AC RESISTANCE (Ω)	DC RESISTANCE (Ω)	DC LEAK CURRENT
0	∞	∞	0
10 μ A	10^7	10^8	6 μ A
20 μ A	5×10^6	5×10^7	10 μ A
30 μ A	3×10^6	3×10^7	12 μ A
50 μ A	2×10^6	2×10^7	16 μ A
100 μ A	1×10^6	1×10^7	30 μ A

FIG. 15

$$\begin{pmatrix} I_{DC-K} \\ I_{DC-C} \\ I_{DC-M} \\ I_{DC-Y} \end{pmatrix} = \begin{pmatrix} I_{DC-K} \\ I_{DC-C} \\ I_{DC-M} \\ I_{DC-Y} \end{pmatrix} + g \begin{pmatrix} AC \text{ LEAK} \\ \rightarrow DC \\ DC \text{ LEAK} \end{pmatrix} \left\{ \begin{pmatrix} 0111 \\ 1011 \\ 1101 \\ 1110 \end{pmatrix} \begin{pmatrix} S_1 \text{ AC} \\ S_2 \text{ DC} \\ S_3 \text{ AC} \\ S_4 \text{ AC} \end{pmatrix} + \begin{matrix} S_o \\ AC \end{matrix} + \begin{matrix} S_s \\ AC \end{matrix} \right\}$$

FIG. 16

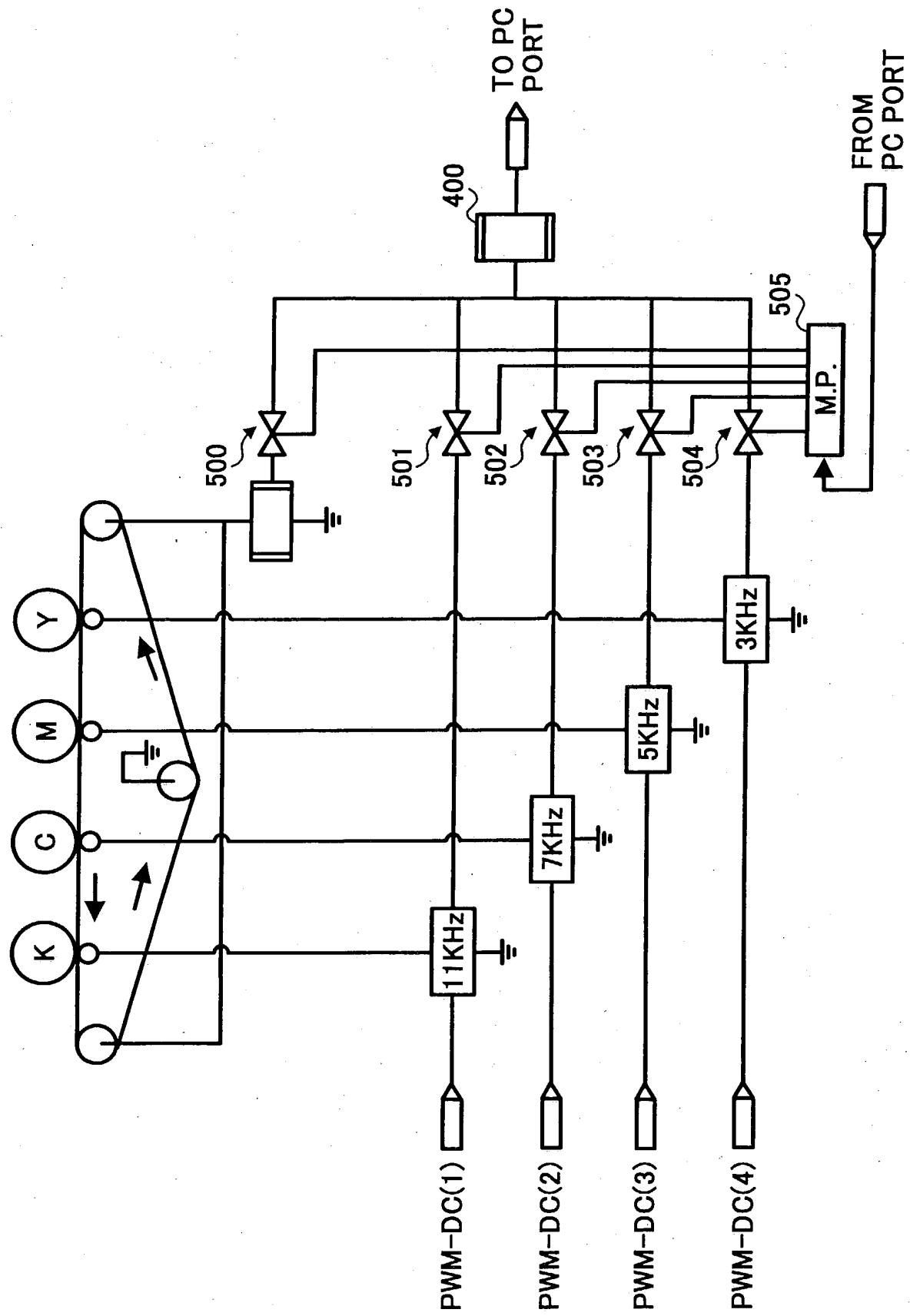


FIG. 17

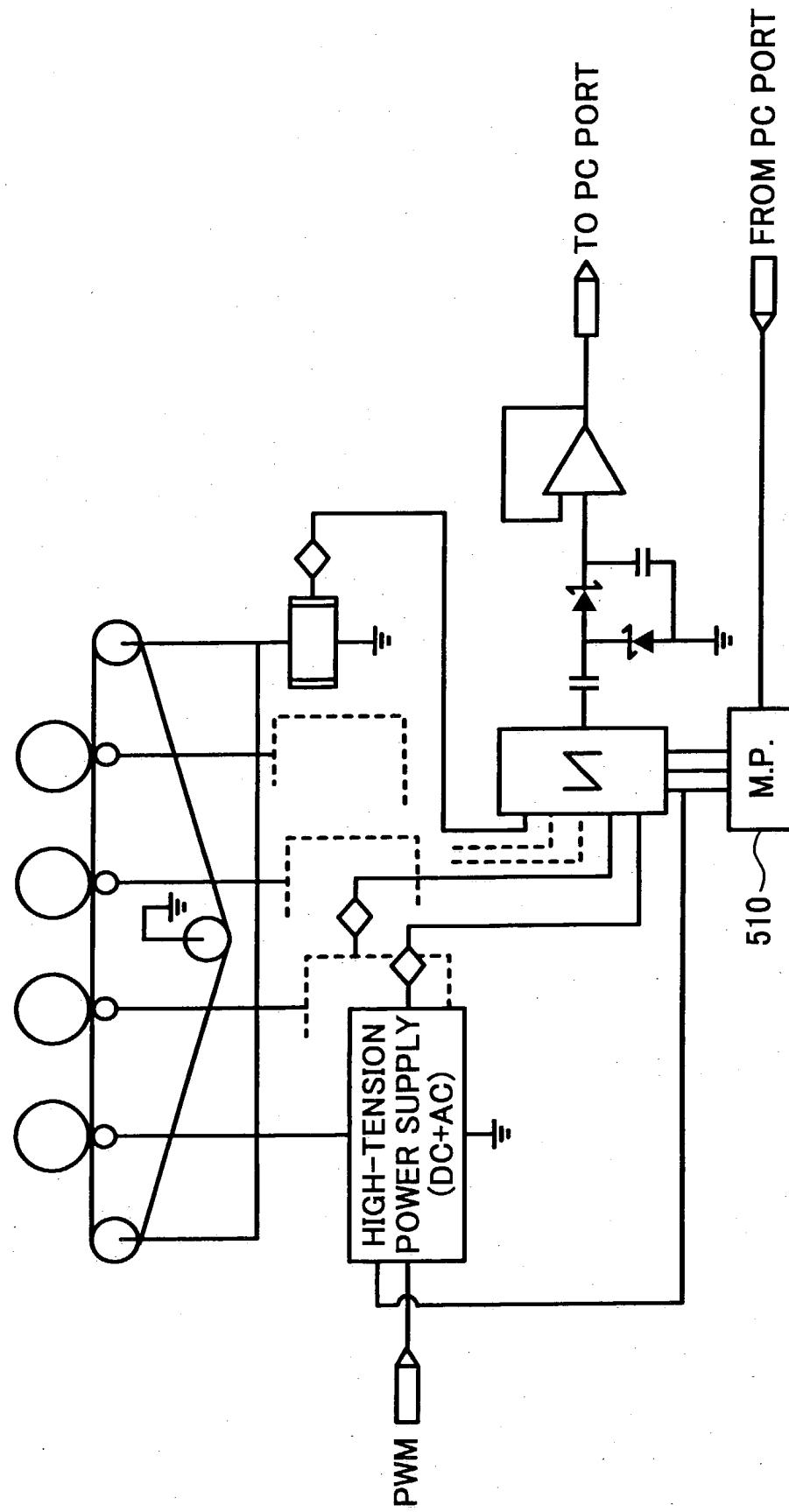


FIG. 18

